

FIG. 1A  
(PRIOR ART)

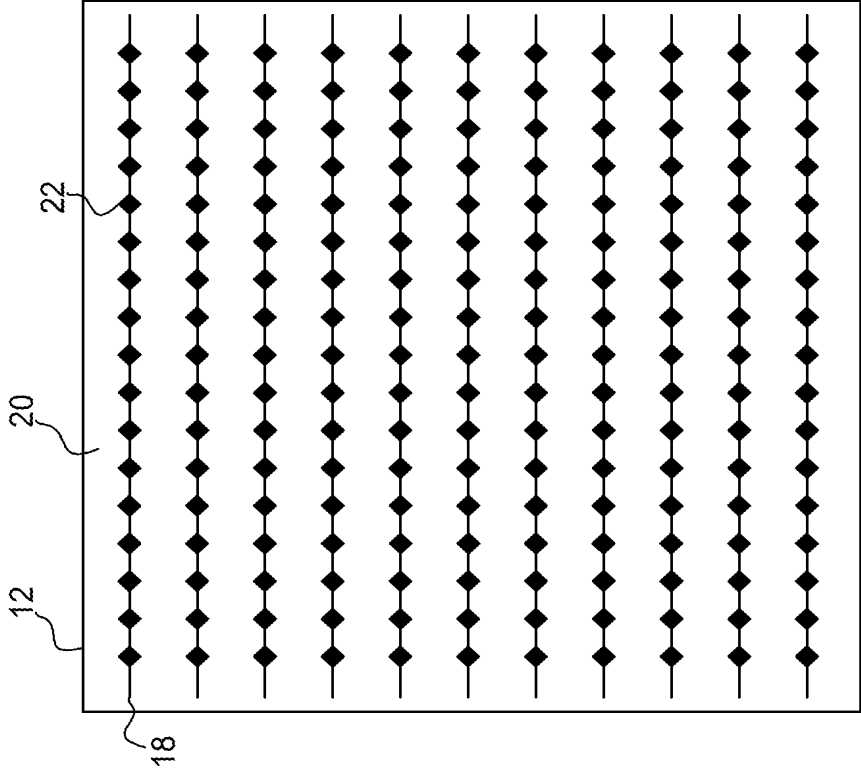


FIG. 1B  
(PRIOR ART)

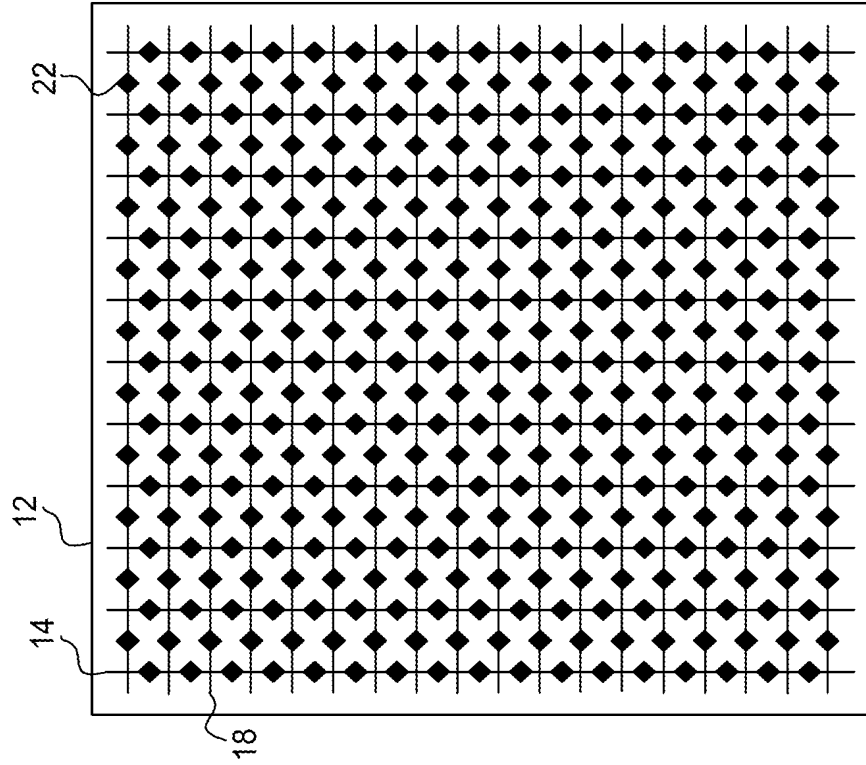


FIG. 1C  
(PRIOR ART)

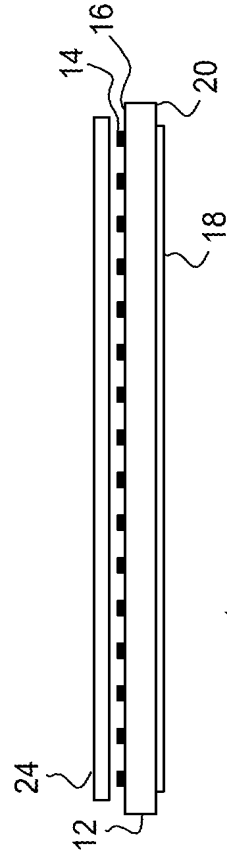


FIG. 1D  
(PRIOR ART)

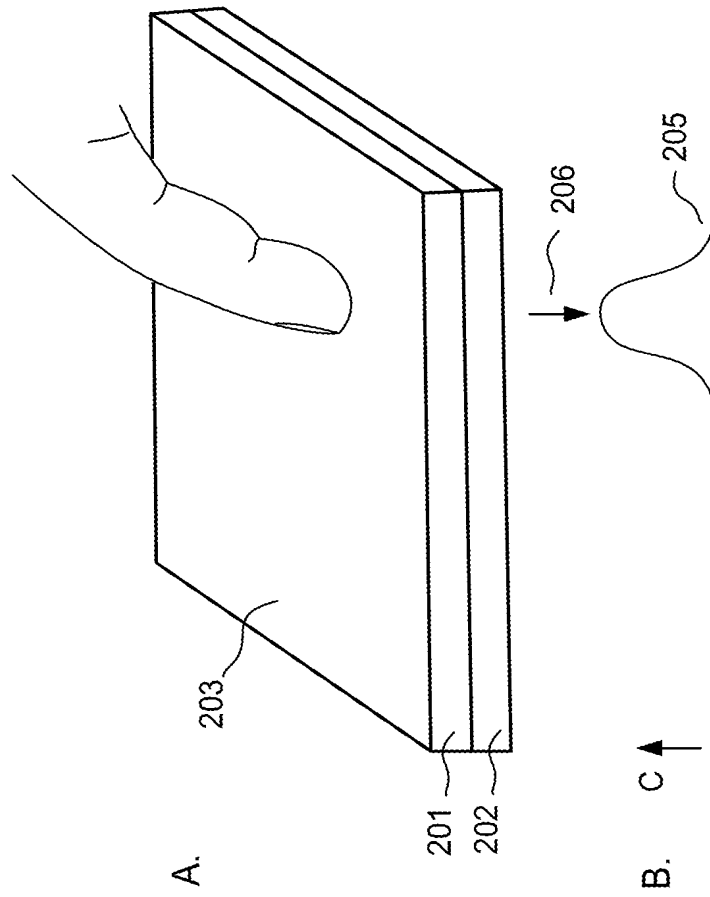
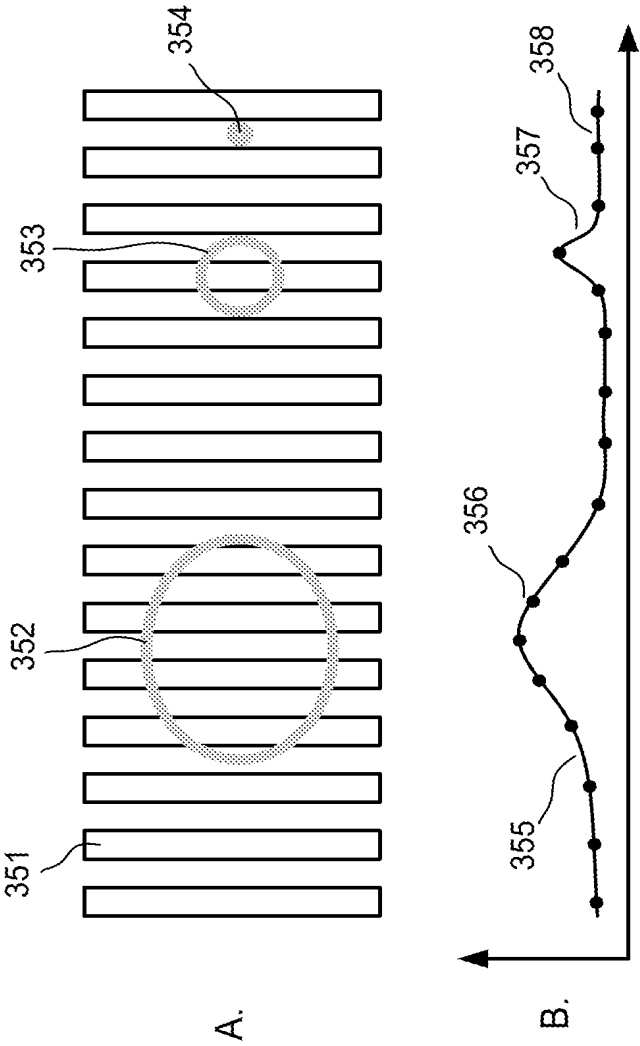
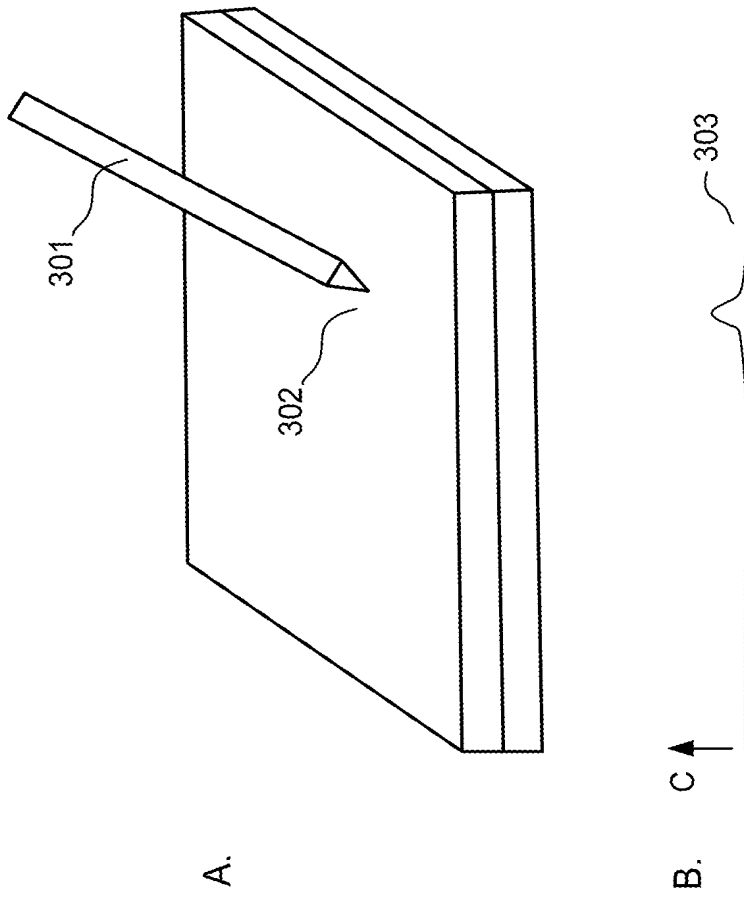


FIG. 2

Detecting a finger on an insulating layer over the electrodes  
(PRIOR ART)



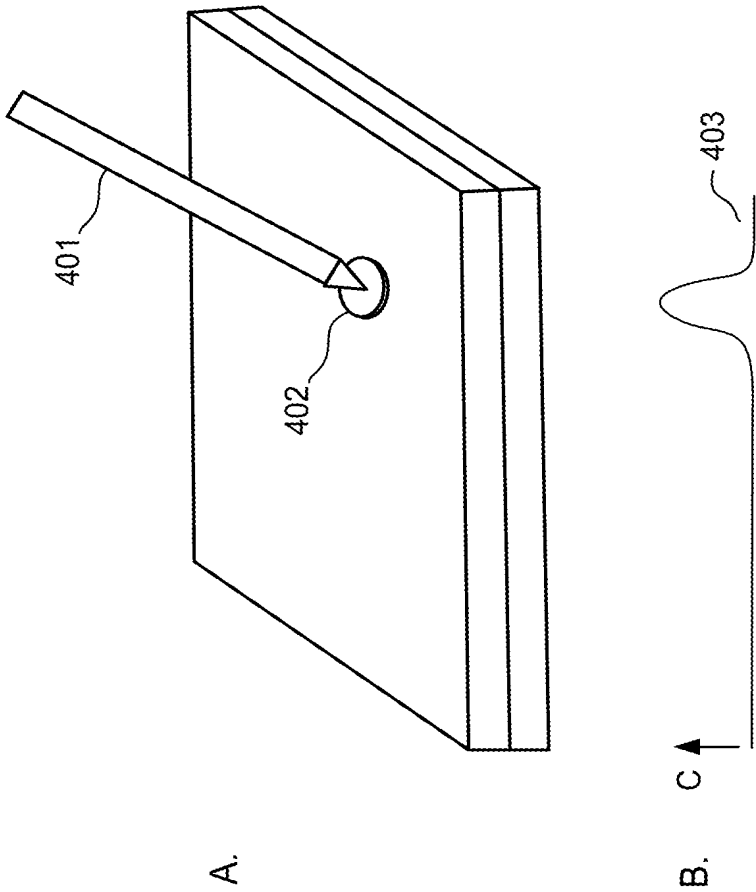
**FIG. 3**  
Measurement of finger capacitance in one dimension  
(PRIOR ART)



**FIG. 4**

Stylus with small tip provides insufficient signal

(PRIOR ART)



**FIG. 5**

Stylus with enlarged tip to provide sufficient signal  
(PRIOR ART)

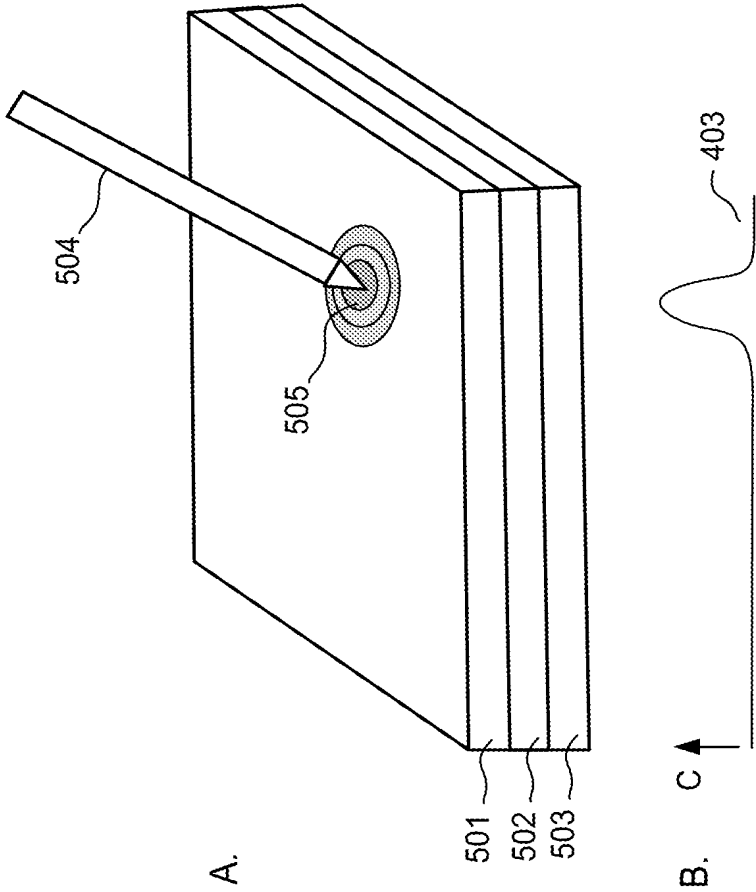


FIG. 6

Capacitive touch pad with additional conductive layer providing sufficient signal with stylus

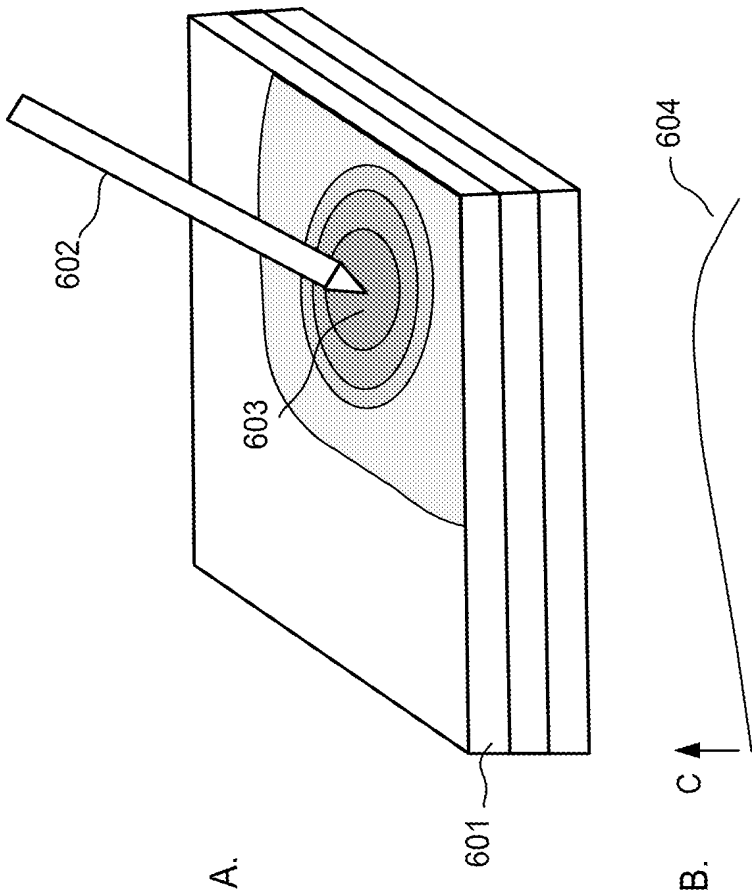


FIG. 7

Additional conductive layer with conductance too high



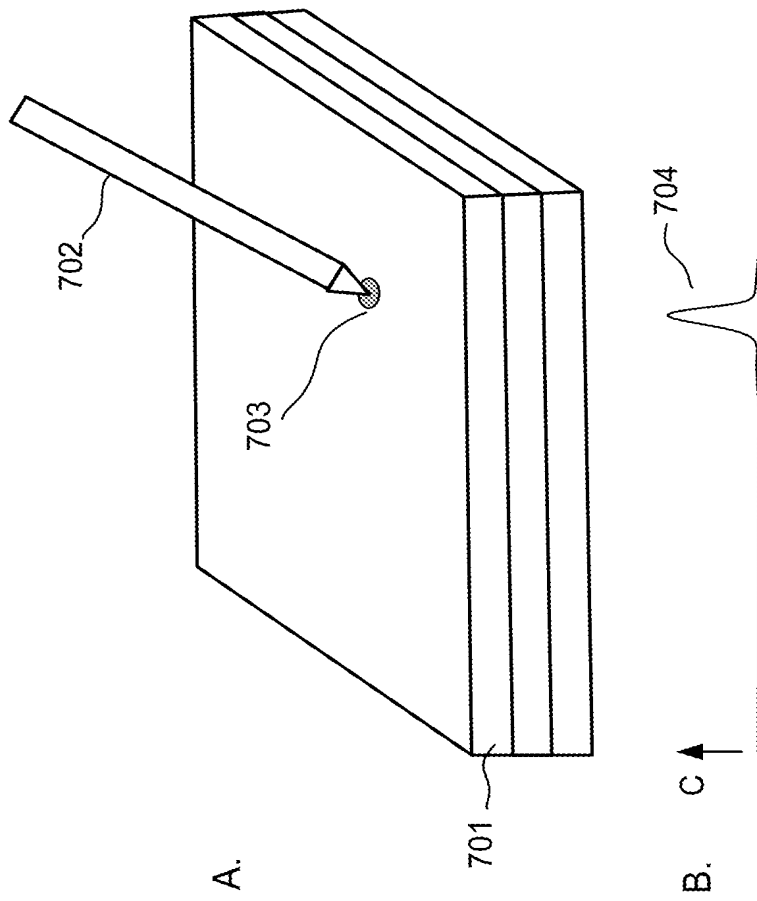
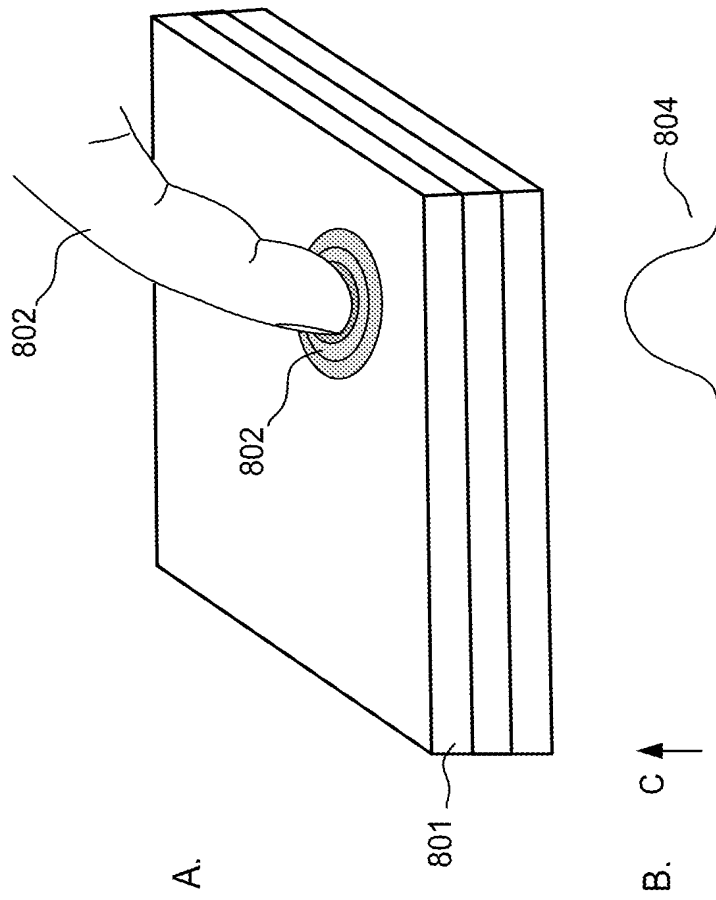


FIG. 8

Additional conductive layer with conductance too low



**FIG. 9**

Capacitive touch pad with additional conductive layer providing sufficient signal with finger

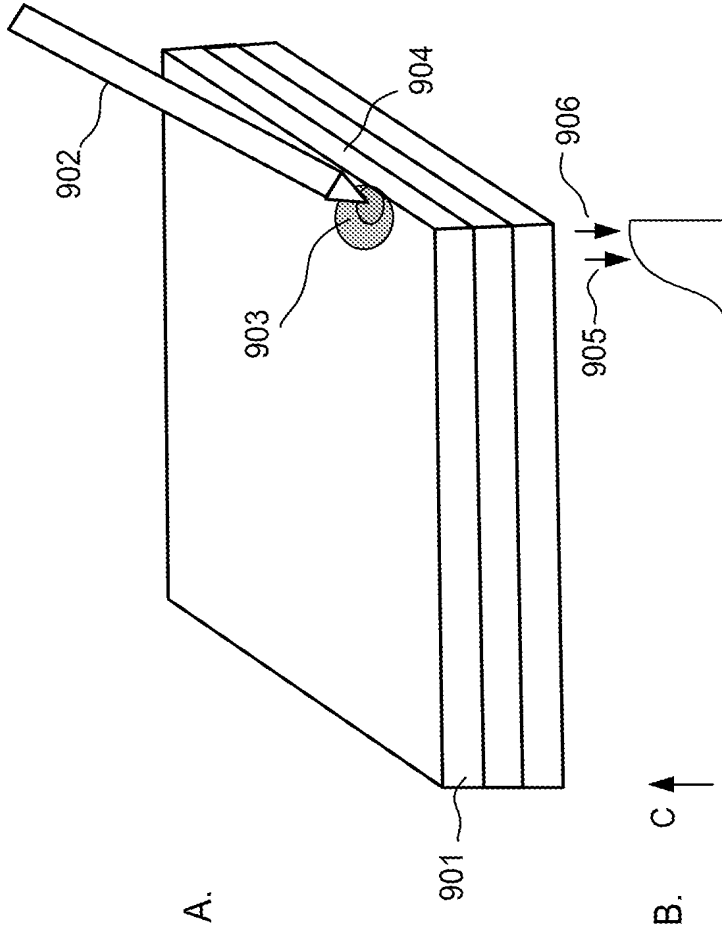


FIG. 10

Distortion in position measurement near edge of sensor

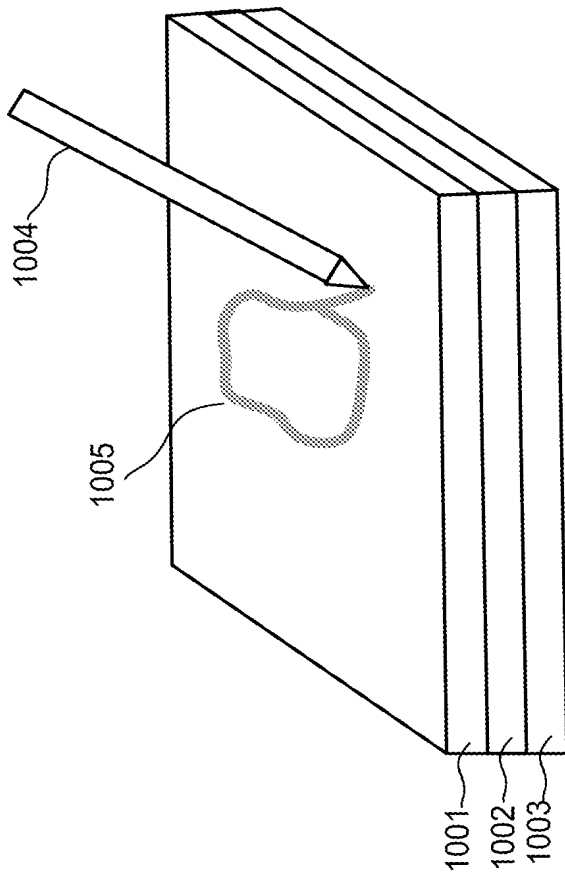
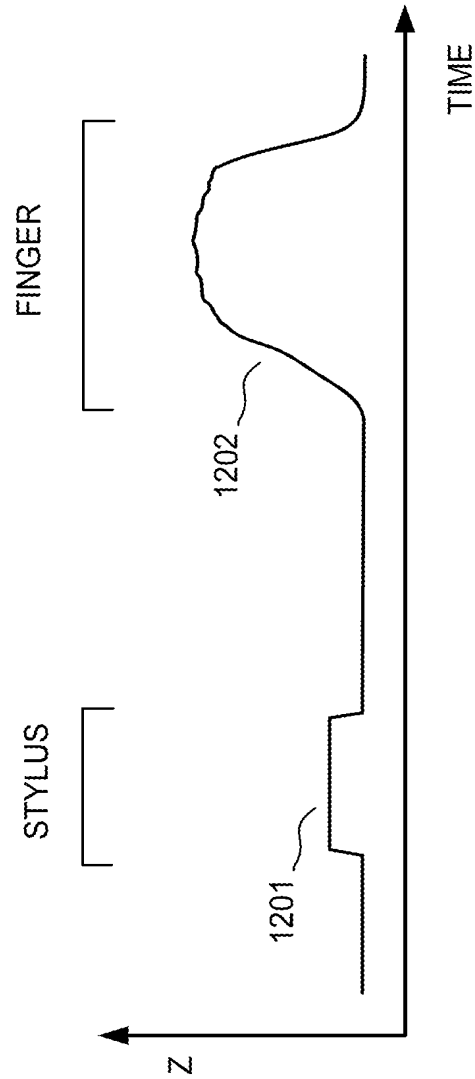


FIG. 11

Providing visual feedback



**FIG. 12**  
Distinguishing stylus and finger input